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2000P14920US//1140668-0026

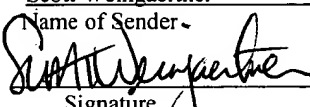
THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Schmitt, et al.
Serial No. : 09/912,128
Filed : July 24, 2001
For : METHOD FOR DEBUGGING FLOWCHART PROGRAMS
FOR INDUSTRIAL CONTROLLERS
Examiner : Kenneth A. Gross
Group Art Unit : 2122

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MAY 24 2004

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8	
I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to:	
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Scott Weingaertner	37,756
Name of Sender	PTO Reg. No.
	MAY 19, 2004
Signature	Date of Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit this communication and the attached Forms PTO/SB/08A and PTO/SB/08B in compliance with 37 C.F.R. §§1.56, 1.97 and 1.98.

Consideration of the documents cited on the attached Forms PTO/SB/08A and PTO/SB/08B are respectfully requested. A copy of the cited references are attached with this communication.

Applicants also provide English language Abstract translations of EP 0 735 444, published October 2, 1996; EP 0 774 701, published May 21, 1997; and WO 97/25661, which correspond to DE 196 00 882, published September 4, 1997.

05/24/2004 SSANDARA 00000017 231703 09912128

01 FC:1806 180.00 DA

Applicants are providing a partial English language translation of the cited excerpt from document, "SPS/IPC/Drives – Tagungsband," cited on PTO/SB/08B and published in the German language. The document is directed to general background information on CNC and SPS controls. Applicants also provide a full English language translation of the cited pages of "NC/CNC Handbuch, 1995."

Applicants also enclose a copy of a search report issued by the European Patent Office, EP 01 10 7924, which is a European patent application related to the instant application.

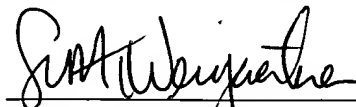
Applicants bring to the Examiner's attention the co-pending, commonly-assigned U.S. non-provisional patent applications, Serial Nos. 09/911,585, filed July 24, 2001; 09/838,803, filed April 20, 2001; and 09/911,586, filed July 24, 2001; copies of the specifications and preliminary amendments are also provided.

TIME OF TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Applicants authorize the Assistant Commissioner to charge the \$180.00 fee and any additional fee which may be due in connection with this communication, to Deposit Account No. 23-1703.

Dated: May 19, 2004

Respectfully submitted,



Scott T. Weingaertner
Reg. No. 37,756
Attorney for Applicants

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White & Case LLP
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Enclosures

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/912,128	MAY 2 Technology
Filing Date	July 24, 2001	
First Named Inventor	Regina Schmitt	
Art Unit	2122	
Examiner Name	Kenneth A. Gross	
Attorney Docket Number	2000P14920US//1140668-0026	

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,646,228	02-24-1987	Ikeda	
		US-5,321,603	06-14-1994	Schwenke	
		US-5,392,207	02-21-1995	Wilson et al.	
		US-5,434,489	07-18-1995	Cheng et al.	
		US-6,571,138 B1	05-27-2003	Okada et al.	
		US-5,479,354	12-26-1995	Hussiein, Manfred	
		US-5,790,437	08-04-1998	Schuh et al.	
		US-5,909,372	06-01-1999	Thybo, Claus	
		US-6,294,891 B1	09-25-2001	McConnell et al.	
		US-6,442,442 B1	08-27-2002	Weinhofer, Juergen K.	

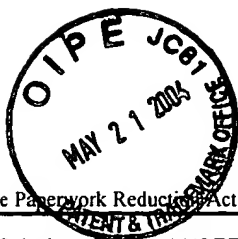
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	✓	DE 196 00 882 C1	09-04-1997	Heesemann		X
	✓	EP 0 735 444 A2	03-26-1996	Siemens Aktiengesellschaft		X
	✓	EP 0 774 701 A1	11-17-1995	Tornos-Bechler SA		X
	✓	EP 0 813 131 A1	06-03-1997	Danfoss A/S		
	✓	WO 92/02871	02-20-1992	Digital Arts Film & Television Pty. Ltd.		
	✓	WO 97/25661	07-17-1997	Heesemann		
Examiner Signature				Date Considered		

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (08-03)

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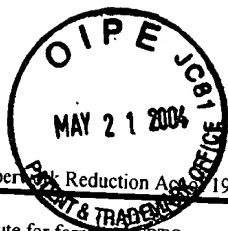
Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	09/912,128	
			Filing Date	July 24, 2001	
			First Named Inventor	Regina Schmitt	
			Art Unit	2122	
			Examiner Name	Kenneth A. Gross	
Sheet	2	of	3	Attorney Docket Number	2000P14920US//1140668-0026

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-6,282,699 B1	08-28-2001	Zhang et al.	
		US-6,144,984	11-07-2000	DeBenedictis et al.	
		US-6,289,252 B1	09-11-2001	Wilson	
		US-6,553,268 B1	04-22-2003	Schwenke et al.	
		US-6,466,827 B1	10-15-2002	Stine	
		US-4,852,047	07-25-1989	Lavallee et al.	
		US-3,668,653	06-06-1972	Fair et al.	
		US-4,074,281	02-14-1978	Quarton	
		US-6,263,487 B1	07-17-2001	Stripf et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
Examiner Signature				Date Considered		

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Sheet **3** of **3**

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HANS B. KIEF, NC/CNC Handbuch, 1995, Forward and pp. 296-297 and 318-319, Carl Hanser Verlag Publishers, Munich, Germany.	X
		JOSEF HUBL, SPS/IPC/Drives - tagungsband, pp. 88-95, November 23-25, 1999, Nurnberg, Verlag Huthig GmbH, Heidelberg, Germany.	X
		HANS B. KIEF, NC/CNC Handbuch, 2000, Carl Hanser Verlag Publishers, Munich, Germany, p. 244; p. 254, Bild 7: Programmiermöglichkeiten von SPS, p. 320, p. 326, Bild 5: Das Prinzip der maschinellen NC-Programmierung; p. 327, Bild 6: Prinzip und Informationstau bei der rechnerunterstützten (maschinellen) NC-Programmierung.	X
		DIN 66001, "Information Processing Graphical Symbols and Their Application," Deutsches institut für Normung, December 1983.	X
		Einfach und werkstattnah programmieren G05B 19/409, TR Technische Rundschau Heft 37, 1993, pp. 70-71.	X

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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